

DUKE-RACINGWHEELS.COM



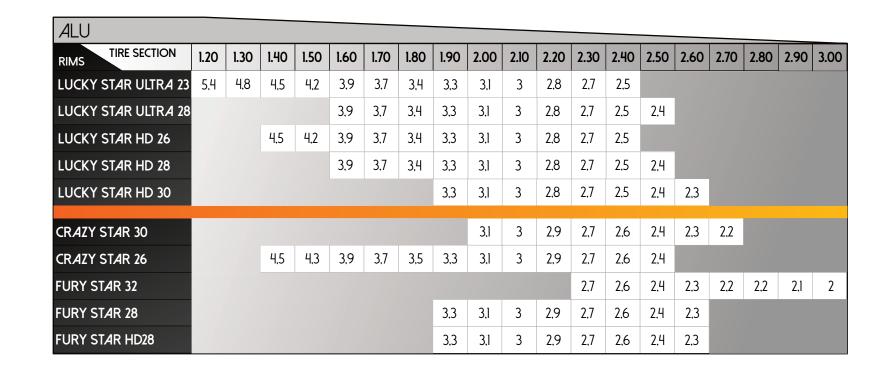
JPRACINGBIKE1.COM +33 (0)2 52 65 02 53 CONTACT@JPRACINGBIKE1.COM











CARBON																			
RIMS TIRE SECTION	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90	2.00	2.10	2.20	2.30	2.40	2.50	2.60	2.70	2.80	2.90	3.00
LUCKY JACK ULTRA 25		4,1	3,7	3,5	3,2	3,1	2,9	2,7	2,6	2,5	2,3	2,2	2,1						
LUCKY JACK ULTRA 28								2,7	2,6	2,5	2,3	2,2	2,1	2	1,9				
LUCKY JACK ULTRA 30										2,5	2,3	2,2	2,1	2	1,9	1,8	1,7		
LUCKY JACK 26			3,7	3,5	3,2	3,1	2,9	2,7	2,6	2,5	2,3	2,2	2,1						
LUCKY JACK 28	/							2,7	2,6	2,5	2,3	2,2	2,1	2	1,9				
LUCKY JACK 30										2,5	2,3	2,2	2,1	2	1,9	1,8	1,7		
CRAZY JACK 33												2,3	2,2	2	2	1,9	1,8	1,7	1,7
CRAZY JACK 30										2,5	2,4	2,3	2,2	2	2	1,9	1,8		
FURY JACK 33												2,3	2,2	2	2	1,9	1,8	1,7	1,7
FURY JACK 30								7		2,5	2,4	2,3	2,2	2	2	1,9	1,8		







DUKE RACING WHEELS

12 YEARS OF PASSION

CREATED IN 2011 & BASED IN VENDÉE, WE OFFER HIGH-END PRODUCTS,

DESIGNED & ASSEMBLED IN FRANCE

. ALUMINIUM OR CARBON RIMS.

ALL COME FROM OUR EXCLUSIVE MANUFACTURING FACILITIES,

THIS IS OUR PRIDE: WE HAVE 100% CONTROL OVER OUR MANUFACTURING PROCESS.

PHILIPPE JACQUINET





MADE
BY HAND
&:
ALWAYS
WITH PASSION

THE DUKE WORKSHOP

FRENCH "SAVOIR FAIRE" LESSON

At DUKE Racing Wheels all wheels, without exception are prepared, spoked, built and checked by hand, by our expert technicians

We hold and affirm this artisanal side which with rigor our strength and an irreplaceable quality advantage.

We take special care of your requests and even more to the elements proposed, that's why we are proud to offer you our rims and since 2022 our new Mad Max hubs, It is now possible to have a wheel with 99% DUKE.

If you have the opportunity to talk with Doc Martin our Master Wheel Builder you'll understand right away that assembly is a real passion & above all an art, just as in cooking, everyone can cook, but like the greatest chefs, rare are those who can sublimate an assembly of different elements and make it sublime.

exceptional and unique!



CUSTOMIZATION

YOUR DREAM, "À LA CARTE"

At Duke racing wheels,

our handcrafted wheelset allows us to build all wheels on demand, so you can choose all the elements that will make up your future wheelset. Each set-up becomes unique,

you can choose in addition to the components the color of your stickers for a perfect matching with your favorite bike, but also the color of the valves, the nipples and even the spokes (for some models).

Give way to your desires and your creativity! Unique wheels, just like you.













MADMAX

THE SAME MYTHICAL NAME BUT EVERYTHING HAS CHANGED

Here are the new DUKE MADMAX hubs!

For this new generation of hubs, everything has been rethought, even improved. Based on our experience, we have pushed the research and technical improvements to the maximum

in order to offer you the most advanced DUKE hub we have ever created!

The MADMAX 2022 has been designed for anyone who wants to be on the cutting edge of technology without compromising on reliability and weight. MAD MAX hubs are European made.

Titanium freewheel with 70 teeth to reduce the restart time when pedaling.

We carefully select our subcontractors in order to produce a hub that rigorously meets our to our specifications.

Also, machining, anodizing, laser engraving are exclusively made in Europe,

The final assembly is done in our workshop in Vendée. Our experience as an artisanal wheel assembler allows us to have some knowledge on the concepts and technologies of the market.

Therefore, we offer you a hub combining the best of the technologies available on the market while adding our exclusive touch, the Duke signature.

The DUKE MadMax SP hub has bearings offset to the outside outwards to reduce the stress on the bearing, improve smoothness and thus improve fluidity and durability.

FRONT HUB

WEIGHT 92g
AXLE 100x12 / 110x12
MATERIAL 7075 T6 Aluminium
BEARINGS 6803 x2
COLOR Black Gloss
DRILLING 24 / 28h
DISC Centerlock
WARRANTY 5years



REAR HUB

WEIGHT 201g AXLE 142x12 / 148x12 7075 T6 Aluminium MATERIAL FREE WHEEL 40t Titane Ratchet BEARINGS 6902 x4 COLOR Black Gloss DRILLING 24 / 28h DISC Centerlock WARRANTY 5years

MOYEU AVANT

WEIGHT 99g
AXLE 110x15
MATERIAL 7075 T6 Aluminium
BEARINGS 6803 x2
COLOR Black Gloss
DRILLING 28h
DISC Centerlock
WARRANTY 5years



REAR HUB

WEIGHT 202g
AXLE 142x12 / 148x12
MATERIAL 7075 T6 Aluminium
FREE WHEEL 70t Titane Ratchet
BEARINGS 6902 x4 (6802 x1 in microspline)
COLOR Black Gloss
DRILLING 28h
DISC Centerlock
WARRANTY 5years

MOYEU AVANT

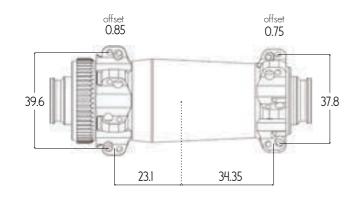
WEIGHT 104g
AXLE 110x15
MATERIAL 7075 T6 Aluminium
BEARINGS 6803 x2
COLOR Black Gloss
DRILLING 28h
DISC IS 6h
WARRANTY 5years



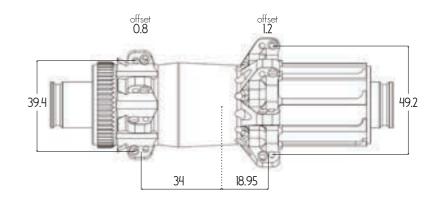
REAR HUB

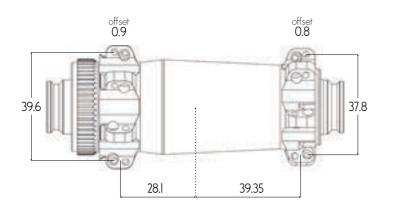
WEIGHT 207g AXLE 148x12 MATERIAL 7075 T6 Aluminium FREE WHEEL 70t Titane Ratchet BEARINGS 6902 x4 (6802 x1 in microspline) COLOR Black Gloss DRILLING 28h IS 6h DISC WARRANTY 5years

GEOMETRY

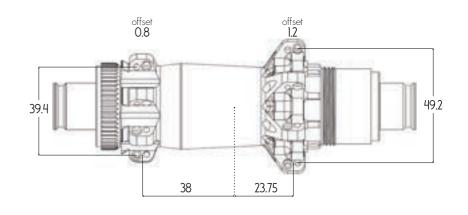


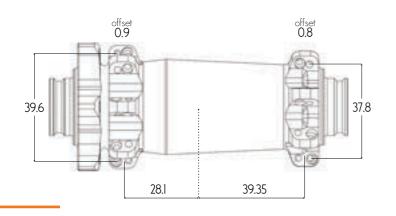
MadMAX CL (road) 24H



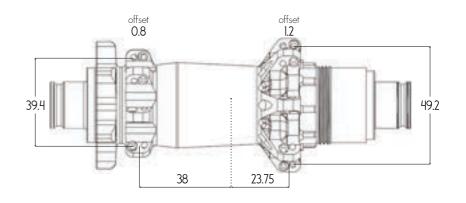


MadMAX CL (MTB) 24H





MadMAX IS (MTB) 28H









- Straightpull
- Bladed shape
- Black Titanium ends
- 2.15g (306mm), the lightest spoke in the world (CxRay=5g => -160g on a 28h wheelset, -137g on a 24h wheelset)
- Optimized layup for handling (excellent cornering feel and sprint responsiveness)
- Optimized layup for comfort (reduced vibration and vertical stiffness).
- 2.35 * 1.4mm cross-section
- from 262mm

compatible with all rims and hubs on the market, compatible with all nipples with internal heads (Double square, Hexa, Squorx ...)

AERI Premium AERO Carbospoke ROAD and others

- Straightpull
- Sword shape
- Black Titanium ends
- Removable head
- 2.55g (258mm)
- Optimized layup for handling (excellent cornering feel and sprint responsiveness)
- Optimized layup for comfort (reduced vibration and vertical stiffness).
- 3.5 * 1.25mm cross-section
- from 250mm

compatible with all rims and hubs on the market, compatible with all nipples with internal heads (Double square, Hexa, Squorx ...)





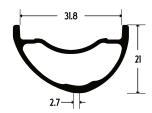




<u></u>Ш



STAR^{HD}

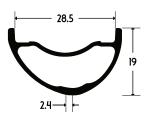


FURY STAR front Material Dynamal Aluminium Use Enduro Available sizes 29" Type of tire Tubeless Profil height 21 mm Internal width 31.8 mm

Offset 27 mm Drillings 28 / 32 holes Brake type Disc

Max pressure 2.6 bars ERD 596.4 mm

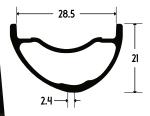
Tubeless tape width 34 mm Weight 560 g



FURY STAR rear Material Dynamal Aluminium Use Enduro Available sizes 29" Type of tire Tubeless Profil height 19 mm Internal width 28.5 mm Offset 2.4 mm Drillings 28 / 32 holes

Brake type Disc
Max pressure 2.6 bars
ERD 600 mm

Tubeless tape width 30 mm Weight 540 g



FURY STAR HD rear

Material Dynamal Aluminium

Use Enduro

Available sizes $29"\ /\ 27.5"$

Type of tire Tubeless Profil height 21 mm

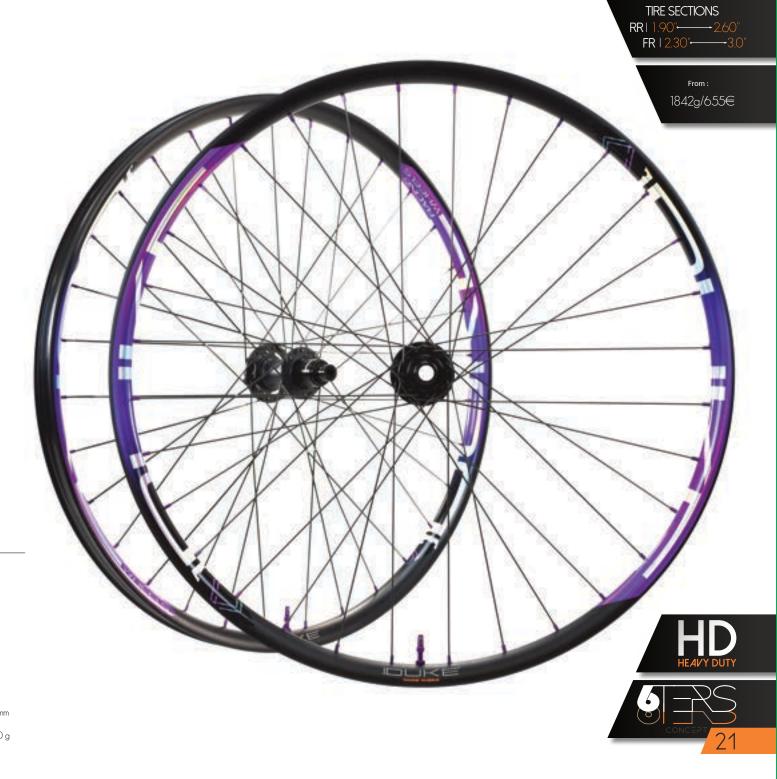
Internal width 28.5 mm

Offset 2.4 mm Drillings 28 / 32 holes

Brake type Disc

Max pressure 2.6 bars **ERD** 29"= 596 mm / 27.5" = 558 mm

Tubeless tape width 30mm **Weight** 29"= 595 g / 27.5" = 560 g

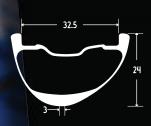


#RIPEWITHFURY
ANTOINE VIDAL / LES ORRES 2022

LIKY JAIGH

TIRE SECTIONS

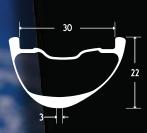
> From: 1639g/1609€



FURY JACK front Material Carbon UD SLS4 Use Enduro Available sizes 29" Type of tire Tubeless Profil height 24 mm Internal width 32.5 mm Offset 3 mm Drillings 28 / 32 holes Brake type Disc Max pressure 2.2 bars **ERD** 596 mm Tubeless tape width 34 mm

Weight 435 g

FURY JACK rear



Material Carbon UD SLS4 Use Enduro Available sizes 29" Type of tire Tubeless Profil height 22 mm Internal width 30 mm Offset 3 mm Drillings 28 / 32 holes Brake type Disc Max pressure 2.2 bars **ERD** 600 mm Tubeless tape width 32 mm Weight 500 g









blue, white, red sleeve.



/ YOUR GOALS FOR NEXT SEASON:

My goal is to be more consistent in downhill next year to be in the top 10 overall

/ YOU ARE A RIDER KNOWN FOR HIS ENGAGED RIDING, WHAT ARE YOUR WORK AXES FOR THE NEXT SEASON:

I'm going to become more professional on DH. Ride more often in DH with mental reflection work and keep the enduro for physical training.

/ MORE LIKE ENDURO OR DH?:

I am now more attracted to downhill for the adrenaline, the speed, the jumps. Enduro is different it's more of an instinctive riding you have less jumps but it's still great fun on an enduro weekend

/ WHAT DOES ANTOINE VIDAL DO BESIDES CYCLING? :

Outside of riding aha

I'm shaping trails and pumptrack so I can train afterwards

/ THE MUSIC YOU'RE LISTENING TO ON REPEAT AT THIS TIME :

BANQUET from Bloc Party

/ A TIP FOR YOUNG PEOPLE WHO WANT TO MAKE A CAREER IN CYCLING? :

Do not give up and do as much result as possible And now be active on social networks.

/ A MESSAGE TO YOUR MANAGERS/COACHES CECILE AND CEDRIC RAVANEL?:

Thank you for supporting me technically and especially mentally because I give them a lot of work

/ THE LAST WORD ?:

I thank DUKE for supporting us throughout the season

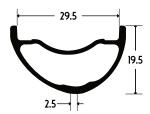
NOTE FROM THE COACHES:

"Antoine still very young and has not finished to make us vibrate with his aggressive style.

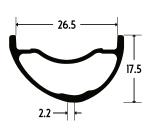
Generous in the effort, but especially in everyday life, This is what makes him our mascot within the team."



CRAZY STAR



CRAZY STAR front
Material Dynamal Aluminium
Use All Mountain
Available sizes 29"
Type of tire Tubeless
Profil height 19 mm
Internal width 29.5 mm
Offset 2.5 mm
Drillings 28 / 32 holes
Brake type Disc
Max pressure 2.8 bars
ERD 599 mm
Tubeless tape width 30 mm
Weight 480 g



Material Dynamal Aluminium
Use All Mountain
Available sizes 29"
Type of tire Tubeless
Profil height 17.5 mm
Internal width 26.5 mm
Offset 2.2 mm
Drillings 28 / 32 holes
Brake type Disc
Max pressure 2.8 bars
ERD 603 mm
Tubeless tape width 28 mm
Weight 450 g

CRAZY STAR rear



SCOTT-SRSUNTOUR ENDURO TEAM / VOSGES (FR







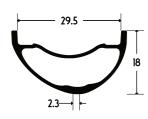




DOWNCOUNTRY \times



LUCKY 30 STAR5 26

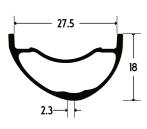


Material Dynamal Aluminium Use XC / Trail Available sizes 29" Type of tire Tubeless Profil height 18 mm Internal width 29.5 mm

LUCKY STAR HD 30

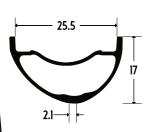
Offset 2.3 mm Drillings 28 / 32 holes Brake type Disc

Max pressure 2.8 bars ERD 602 mm Tubeless tape width 30 mm Weight 435 g



LUCKY STAR HD 28

Material Dynamal Aluminium Use XC / Trail
Available sizes 29"
Type of tire Tubeless
Profil height 17 mm
Internal width 27.5 mm
Offset 2.3 mm
Drillings 28 / 32 holes
Brake type Disc
Max pressure 2.8 bars
ERD 602 mm
Tubeless tape width 28 mm



LUCKY STAR HD 26 Material Dynamal Aluminium

Weight 420 g

Use XC / Trail

Available sizes 29'
Type of tire Tubeless
Profil height 17 mm
Internal width 25.5 mm
Offset 2.1 mm
Drillings 28 / 32 holes
Brake type Disc
Max pressure 28 bars
ERD 604 mm
Tubeless tape width 26 mm
Weight 420 g

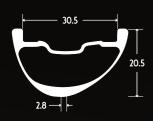




TIRE SECTIONS 2.40" 28 | 1.90" 2.60" 30 | 2.10" 2.80"

From:

1181g/1460€



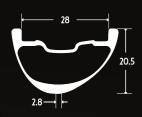
LUCKY JACK 30 Material Carbon UD SLS4 Use XC / Marathon

Available sizes 29" Type of tire Tubeless

Profil height 20.5 mm Internal width 30.5 mm Offset 2.8 mm **Drillings** 24 / 28 / 32 holes

Brake type Disc Max pressure 2.5 bars **ERD** 598 mm

Tubeless tape width 32 mm Weight 300 g



LUCKY JACK 28

Material Carbon UD SLS4 Use XC / Marathon

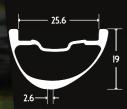
Available sizes 29" Type of tire Tubeless Profil height 20.5 mm Internal width 28 mm

Offset 2.8 mm **Drillings** 24 / 28 / 32 holes

Brake type Disc Max pressure 2.5 bars **ERD** 598 mm

Tubeless tape width 30 mm

Weight 290 g



LUCKY JACK 26

Material Carbon UD SLS4 Use XC / Marathon Available sizes 29" Type of tire Tubeless Profil height 19 mm Internal width 26 mm Offset 2.6 mm **Drillings** 24 / 28 / 32 holes Brake type Disc Max pressure 2.5 bars

ERD 600 mm Tubeless tape width 28 mm Weight 280 g



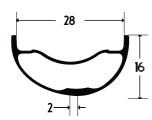






X-COUNTY





LUCKY STAR ULTRA 28

Material Dynamal Aluminium

Use XC

Available sizes 29" Type of tire Tubeless

Profil height 16 mm Internal width 28 mm

Offset $2 \, \mathrm{mm}$

Drillings 29"=28 et 32 holes

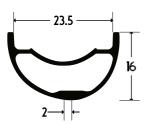
Brake type Disc

Max pressure 2.5 bars

ERD 29"= 607mm

Tubeless tape width 30 mm

Weight 398g



LUCKY STAR ULTRA 25

Material Dynamal Aluminium Use XC

Available sizes 29"/27.5"/26"/24"

Type of tire Tubeless Profil height 16 mm

Internal width 23.5 mm

Offset 2 mm

Drillings 24"/26"=24 holes 27,5"=28 holes

29"=28 et 32 holes

Brake type Disc

Max pressure 2.5 bars

ERD 29"= 607mm 27.5"= 569mm 26"= 544mm 24"= 492mm

Tubeless tape width 24 mm

Weight 24" = 305 g 26" = 340 g 27,5" = 350 g 29" = 360 g

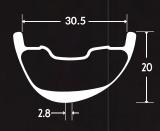


TIRE SECTIONS

25 | 1.30" 2.40" 28 | 1.90" 2.60" 30 | 2.10" 2.80"

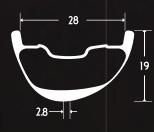
From:

1119g/1483€



LUCKY JACK 30 ULTRA Material Carbon UD SLS4 Use XC Available sizes 29" Type of tire Tubeless Profil height 20 mm Internal width 30.5 mm Offset 2.8 mm **Drillings** 24 / 28 / 32 trous Brake type Disc Max pressure 2.5 bars **ERD** 602mm Tubeless tape width 32 mm

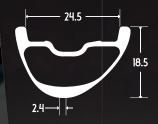
Weight 275 g



Material Carbon UD SLS4 Use XC Available sizes 29" Type of tire Tubeless Profil height 19 mm Internal width 28 mm Offset 2.8 mm **Drillings** 24 / 28 / 32 trous Brake type Disc Max pressure 2.5 bars **ERD** 602mm Tubeless tape width 30 mm

Weight 265 g

LUCKY JACK 28 ULTRA



Use XC Available sizes 29" Type of tire Tubeless Profil height 18.5 mm Internal width 24.5 mm Offset 2.4 mm **Drillings** 24 / 28 / 32 trous Brake type Disc Max pressure 2.5 bars **ERD** 601.5mm Tubeless tape width 28 mm

Weight 255 g

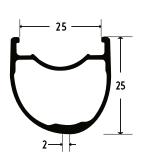
LUCKY JACK 25 ULTRA Material Carbon UD SLS4











WORLD RUNNER 25X

Material Dynamal Aluminium **Use** Gravel

Available sizes 700C / 650B Type of tire Tubeless Profil height 25 mm Internal width 25 mm

Offset 2 mm

Drillings 700C = 24/28/32 holes 650B = 24/28/32 holes

Brake type Disc

Max pressure 4.5 bars ERD 700C = 589 mm 650B = 551 mm

Tubeless tape width 26 mm

Weight 700C = 485 g 650B = 465 g



SIRONA



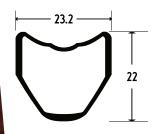




S







CROSS RUNNER

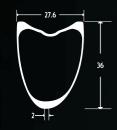
Material Aluminium
Use Gravel
Available sizes 700C
Type of tire Tubular
Profil height 22 mm
Width 23 mm
Drillings 24/28 holes
Brake type Disc / Rim brake
Max Pressure 4.5 bars
ERD 597 mm
Weight 420 g



From: 1401g/499€



BACCARA



BACCARA X-MACHINE Material Carbon UD SLS3

Available sizes 700C

Type of tire Tubular Profil height 36 mm Width 27.6 mm

Offset 2 mm

Drillings 24/28 trous

Brake type Disc
Max pressure 8.5 bars
ERD 570.5 mm
Weight 325 g



From:

1201g/1340€

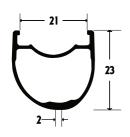






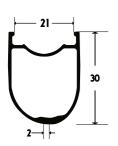
THÉO MEUZARD / ANNECY

RUNNER 35



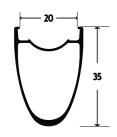
ROAD RUNNER 23X

Material Dynamal Aluminium Use Road Available sizes 700c Type of tire Tubeless Profil height 23 mm Internal width 21 mm Offset 2 mm Drillings 24 / 28 holes Brake type Disc Max pressure 6 bars Weight 410 g

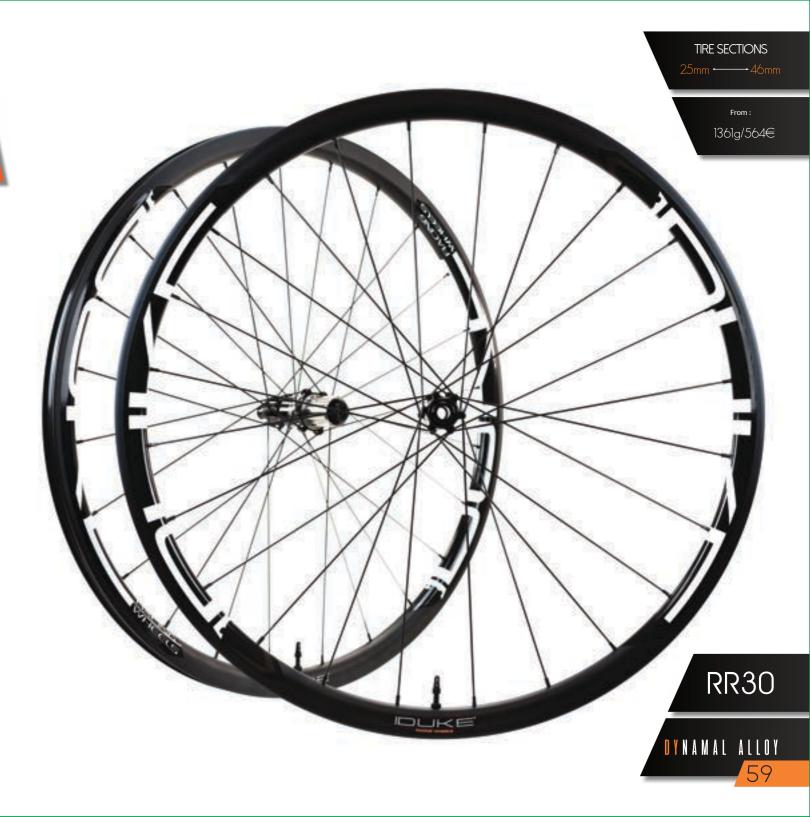


ROAD RUNNER 30X

Material Dynamal Aluminium Use Road Available sizes 700c Type of tire Tubeless Profil height 30 mm Internal width 21 mm Offset 2 mm Drillings 24 / 28 / 32 holes Brake type Disc Max pressure 6 bars Weight 465 g



ROAD RUNNER 35
Material Dynamal Aluminium
Use Road
Available sizes 700c
Type of tire Tubeless
Profil height 35 mm
Internal width 20 mm
Drillings 24 / 28 / 32 holes
Brake type Disc
Max pressure 6 bars
Weight 520 g





















- ANTI-BURP

The tire bead is held in position regardless of pressure and driving conditions, There is no risk of the tire dropping out of the rim, even in the sharpest of turns. Two small edges prevent the tire from being pushed towards the inside of the rim, so you can't lose air on your supports.

- ANTI-PINCH

The sidewalls of the rim are thickened to prevent the tires from cutting during impacts.

- ASYMÉTRIQUE (OU OFFSET)

Allows to increase the lateral rigidity of the wheel without taking weight. The holes of the rim are off-center: this allows to close more the umbrella formed by the spokes.

This way, the spokes ensure a better rim support and the lateral stiffness of the wheel is increased.

The risk of fogging is also reduced.

Moreover, the asymmetry balances the spoke tensions between the two 15% plies and guarantees a better durability of your wheel.

- DESIGN HOOKLESS

The strength of the rim is superior compared to a carbon rim with hooks.

This technology is successfully used on our rims since 2011.

The height of the rim edges is deliberately reduced to limit the risk of contact with the ground and to avoid pinching the tire.

- DYNAMAL ALLOY

Dynamal aluminum is an aluminum alloy that is extremely resistant to fatigue, cracking, and impact.

- HD HEAVY DUTY

The HD "Heavy Duty" construction allows to face any terrain. The concept applies to all HD aluminum rims. It is based on a geometry optimized for the Mountain Bike: asymmetrical rim, ultra-resistant alloys, high capacity of absorption of shocks and impacts.

- IFP: INSTANT FINISH PROCESS

Bare carbon finish, no varnish



- PERCAGE ORIENTÉ

The oriented drilling of a rim will contribute to position the nipples of the wheel in a perfect alignment with the spokes. This will prevent spoke fatigue and rupture.

- PROFIL ORIGINAL BY DUKE

DUKE owns the manufacturing tools for its aluminum rims and owns the molds for the carbon models.

This allows us to offer state-of-the-art rims with a modern, asymmetrical, wide profile, resulting from more than 10 years of experience.

- 6TERS* (SISTERS/SœURS)

The Duke 6TERS* concept features a wider front rim than the rear for more grip, comfort and stiffness.

Its weight is optimized for the necessary robustness.

The rear profile has been reworked by reducing its section and modifying the lay-up of the carbon fibers to improve comfort and increase impact resistance,

The stresses are much higher at the rear than at the front. *6TERS = sisters.

- SLS3 SUPER LIGHT SERIE 3

The SLS3 series is 10% lighter and stronger than the sls2 version, while maintaining exactly the same rigidity.

The manufacturing process, the resin is different.

In addition to these improved characteristics, the SLS3 is also manufactured in a sealed atmosphere and does not require any retouching when leaving the mold. No sanding or varnishing, the finish is exceptional!

- SLS4 SUPER LIGHT SERIES 4

The SLS4 series is 10% lighter and stronger than the sls3 version, while maintaining exactly the same rigidity.

The manufacturing process, the type of carbon fiber and resin are different.

In addition to these improved characteristics, the SLS4 is manufactured in a sealed atmosphere and does not require any retouching when it leaves the mold.

No sanding or varnishing, the finish is exceptional!

- ULTRA

For ultra light, for the lightest DUKE rims, Lucky Jack Ultra, Lucky Star Ultra, Baccara Ultra.

- UV-SHAPE

Corresponds to the shape between the U and the V of the latest generation of DUKE BACCARA road wheels.



Table of maximum pressures according to tire sections per rim model.

ROAD .																
JANTES SECTION PNEU	23	25	28	30	32	34	36	38	40	42	44	46	48	50	53	
ROADRUNNER 23/30/35		7,2	6,5	6	5,6	5,3	4,9	4,7	4,4	4,2	4	3,8				
BACCARA SLR2		8,4	7,5	6,9	6,5	6,1	5,7	5,4	5,1	4,8	4,6	4,4	4,2	4	3,8	
BACCARA X SLR2			7,5	6,9	6,5	6,1	5,7	5,4	5,1	4,8	4,6	4,4	4,2	4	3,8	
BACCARA ULTRA SLR2		8,4	7,5	6,9	6,5	6,1	5,7	5,4	5,1	4,8	4,6	4,4	4,2	4	3,8	

GRAVEL																	
JANTES SECTION PNEU	28	30	32	34	36	38	40	42	44	46	48	50	53	56	58	61	
WORLD RUNNER 25	6,5	6	5,6	5,3	5	4,7	4,5	4,2	4	3,8	3,7	3,3	3,1				
WORLD RUNNER 27/35/38/50				4,7	4,4	4,2	4	3,7	3,6	3,4	3,2	3,1	2,9	2,7	2,6	2,5	